



BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

BYATRAYANAPURA DIVISION

KODIGEHALLI SUB DIVISION

Name of the Work : Providing pipeline to the existing borewells in ward no. 08, kodigehalli

Estimated Cost : 6.00 Lakhs

Head of Account : P-1802 (2018-19)

Job No. : 008-19-000159

BRUHATH BANGALORE MAHANAGARA PALIKE

Name of the work:- Providing pipeline to the existing borewells in ward no. 08, kodigehalli

							Est. Cost Rs.	600000.00	
Sl. No	Description	Unit	Dimensions				Qty.	Rate	Amount
			No	L.	B.	D			
1	KSRB 2-2.1 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS 2.1(a) / 2.3.5 Page No. 5 / Item No. 2.3 of PWD SR 2018-19								
	All necessity layouts in ward 8	Cum	1	1000.00	0.60	0.75	450.00		
							450.00	316.94	142623.00
	Basic Rate	299.00							
	Area Wtg 6%	17.94							
	Total:-	316.94							
2	Supplying PVC ring tight pipes conforming to IS 4985:2000 with latest amendments and conveying to worksite rolling and lowering into trenches laying true line and level and perfect linking at joints testing and commissioning including loading and unloading at both destination and cuts of pipes wherever necessary including jointing of PVC pipes and specials (excluding cost of specials) with jointing of approval type with all labour with all lead and lift including encasing the pipe alround to a depth of not less than 15 cms with soft gravel or selected earth available from the excavation etc., compelte and giving necessary hydraluic test to the required pressure as per IS (Contractor will make his own arrannaement for procuring water for testing) (Paag no.53. Item no.1(3) BWSSB SR-2014-								
		Rmtr	1	1000.00			1000.00		
							1000.00	77.38	77380.00
3	KSRB : Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m and lift upto 1.5m including cost of all labour complete as per specifications allow 60% of rate considered under item.(Page No.7,Item No. 2.11, PWDSR 2018-19)								
		Cum	1	1000.00	0.60	0.75	450.00		
							450.00	128.26	57717.00
	Basic Rate	121.00							
	Area Wtg 6%	7.26							
	Total:-	128.26							
4	KSRB 4 - 1.5 : Providing and laying in position plain cement concrete of mix M 20 with OPC cement @300 kgs, with 20 mm and down size graded granite metal coarse aggregates @ 0.64 cum and fine aggregates @ 0.43 cum with superplastisiser @ 3 lts confirming to IS 9103 - 1999 Reaffirmed - 2008, machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation plinth and cills, including cost of all materials, labour HOM of machinery curing complete as per specifications. Specification No.KBS 4.1, 4.2 (Page No.13, Item No. 4.5, PWDSR 2018-19)								
		Cum	1	1000.00	0.60	0.075	45.00		

Sl. No	Description	Unit	Dimensions				Qty.	Rate	Amount
			No	L.	B.	D			
							45.00	5627.54	253239.00
	Basic Rate	5309.00							
	Area Wtg 6%	318.54							
	Total:-	5627.54							
5	Providing and fixing Chlorinated Poly Vinyl Chloride (CPVC) pipes conforming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement and testing of joints complete (internal work exposed on wall) 20mm nominal OD pipes (Page No.98, Item No. 13.85.2, PWDSR 2018-19)								
	For Taps	Rmt	10	1.20			12.00		
							12.00	143.10	1717.00
	Basic Rate	157.00							
	Area Wtg 6%	9.42							
	Total:-	166.42							
6	Sub Total-1								532676.0
7	Add GST charges at 12%						12.00		63921.00
8	Miscellaneous & Rounding off							L/S	3403.00
Total Rs									600000.00
CERTIFICATE									
1	The above Estimate has been prepared as per PWD Bangalore Circle Schedule of Rates 2018-19 and BWSSB SR 2014-15								
2	Certify that the work spot has been inspected by his & prepared the estimate in most economical way of executing the work.								
3	The Work Spot comes under BBMP Limits								
4	This Estimate is prepared with Essential Provisions								
	Assistant Engineer								
	Ward no. 08								
	Kodigehalli								
	Assistant Executive Engineer								
	Kodigehalli Sub Division								
	BBMP								
	Executive Engineer								
	Byatrayanapura Division								
	BBMP								

ADMINISTRATIVE APPROVAL

Accorded For Rs. Six lakhs only

Head of A/c. P-1771

Div. Ref. No. 50 Date 25/07/19

M. Chandrasekar
EE(BTP)

TECHNICAL SANCTION

Accorded For Rs. Six lakhs only

Head of A/c. P-1771

Div. Ref. No. 74 Date 25/07/19

M. Chandrasekar
AE
EE(BTP)